ANALYSERAPPORT 450379

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Genereret: 19.09.2022
Bilag:

Sorring By Vandværk
Dybdalsvej 27
8641 Sorring

LAB nr:	22-30171, Prøve nr. 540884	**Prøvetager:**	KV, SGS Analytics Denmark A/S
Prøvemærkning:	KV	**Prøvetagningsmetode:**	M-0061 DS/ISO 5667 m. flush
Prøvetype:	Råvandskontrol - PAH	**Prøvetagningsperiode:**	29.08.2022 11:48 - 29.08.2022 11:54
Prøvested:	Sorring DGU 88.1215	**Prøvetagningssted:**	Dybdalsvej 27, 8641, dgu 88.1215
Grænseværdier:	Miljøministeriet, BEK nr 972 af 21.06.2022	**Analyseperiode:**	29.08.2022 - 19.09.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Fluoranthen	**<0.001**	µg/L	-	0.1		0.001	M-0207 RefM060/GC-MS	30%
Benz(a)pyren	**<0.001**	µg/L	-	0.01		0.001	M-0207 RefM060/GC-MS	30%
Benz(ghi)perylen	**<0.001**	µg/L	-	-		0.001	M-0207 RefM060/GC-MS	30%
Indeno(1.2.3-cd)pyren	**<0.001**	µg/L	-	-		0.001	M-0207 RefM060/GC-MS	30%
Benz(b+j+k)fluoranthen	**<0.002**	µg/L	-	-		0.002	M-0207 RefM060/GC-MS	30%
PAH Sum(5)	**Ej påvist**	µg/L	-	-			M-0207 RefM060/GC-MS	30%

Bemærkninger:
Der er ikke fastsat krav til råvand. Grænseværdier for forbrugers taphane er vist til orientering.

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LAB nr:	22-30172, Prøve nr. 540882	**Prøvetager:**	KV, SGS Analytics Denmark A/S
Prøvemærkning:		**Prøvetagningsmetode:**	M-0061 DS/ISO 5667 m. flush
Prøvetype:	Råvandskontrol - Boringskontrol	**Prøvetagningsperiode:**	29.08.2022 11:48 - 29.08.2022 11:54
Prøvested:	Sorring DGU 88.1215	**Prøvetagningssted:**	Dybdalsvej 27, 8641, dgu 88.1215
Grænseværdier:	Miljøministeriet, BEK nr 972 af 21.06.2022	**Analyseperiode:**	29.08.2022 - 19.09.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Temperatur	**10.4**	°C	-	-		0.1	TERMOMETER	10%
pH	**7.5**	pH	7	8.5		0.05	M-0010 DS/EN/ISO 10523:2012	10%
Ledningsevne	**44**	mS/m	-	250		0.5	M-0009 DS 27888:2003	10%
Ilt	**4.1**	mg/L	5	-	**MIN**	0.1	M-0064 DS/EN/ISO 5814:2012	10%
NVOC	**0.7**	mg/L	-	4		0.1	M-0097 DS/EN 1484	10%
Calcium	**71.8**	mg/L	-	200		0.007	M-0139 RefM018/ICP	10%
Magnesium	**5.86**	mg/L	-	50		0.001	M-0139 RefM018/ICP	10%
Hårdhed	**11.4**	°dH	-	-		0.05	Beregning	10%
Natrium	**13.8**	mg/L	-	175		0.06	M-0139 RefM018/ICP	10%
Kalium	**1.36**	mg/L	-	10		0.05	M-0139 RefM018/ICP	10%
Ammonium	**0.08**	mg/L	-	0.05	**MAX**	0.02	M-0014 DS 224	10%
Jern	**3.07**	mg/L	-	0.2	**MAX**	0.002	M-0139 RefM018/ICP	10%
Mangan	**0.809**	mg/L	-	0.05	**MAX**	0.001	M-0139 RefM018/ICP	10%
Bicarbonat HCO3	**167**	mg/L	-	-		0.5	M-0006 DS 256	10%
Klorid	**22**	mg/L	-	250		0.5	M-0018.DS/ENISO10304	10%
Sulfat	**63**	mg/L	-	250		0.5	M-0018 DS/ENISO10304	10%
Nitrat	**<0.5**	mg/L	-	50		0.5	M-0018 DS/ENISO10304	10%
Nitrit	**<0.001**	mg/L	-	0.1		0.001	M-0015 DS 222	10%
Total-P	**0.06**	mg/L	-	0.15		0.01	M-0020 DS 292	10%
Fluorid	**0.08**	mg/L	-	1.5		0.05	M-0018 DS/ENISO10304	10%
Aggressiv CO2	**10**	mg/L	-	2	**MAX**	2	M-0004 DS 236	10%
Arsen	**0.55**	µg/L	-	5		0.02	M-0140 RefM018/ICP-MS	10%
Barium	**161**	µg/L	-	700		1	M-0140 RefM018/ICP-MS	10%
Bor	**0.06**	mg/L	-	1		0.01	M-0140 RefM018/ICP-MS	10%
Nikkel	**0.39**	µg/L	-	20		0.03	M-0140 RefM018/ICP-MS	10%
Cobalt	**<0.05**	µg/L	-	5		0.05	M-0140 RefM018/ICP-MS	10%
Ekstra analyser			-	-			-	-
Methan	**<0.01**	mg/L	-	0.01		0.01	#M-0112 Ref. Lab M063 - GC-FID	10%
Svovlbrinte	**<0.01**	mg/L	-	0.01		0.01	M-0098 DS 278:1976	10%

Bemærkninger:
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LAB nr:	22-30173, Prøve nr. 540883	**Prøvetager:**	KV, SGS Analytics Denmark A/S
Prøvemærkning:		**Prøvetagningsmetode:**	M-0061 DS/ISO 5667 m. flush
Prøvetype:	Råvandskontrol - VOC-kontrol	**Prøvetagningsperiode:**	29.08.2022 11:48 - 29.08.2022 11:54
Prøvested:	Sorring DGU 88.1215	**Prøvetagningssted:**	Dybdalsvej 27, 8641, dgu 88.1215
Grænseværdier:	Miljøministeriet, BEK nr 972 af 21.06.2022	**Analyseperiode:**	29.08.2022 - 19.09.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Chloroform	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
Dichlormethan	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
1.2-Dichlorethan	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
Trichlorethen	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
Tetrachlorethen	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
1.1-Dichlorethylen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Cis-1.2-Dichlorethen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Trans-1.2-Dichlorethen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
1.1.1-Trichlorethan	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
1.1.2-Trichlorethan	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
1.1.1.2-Tetrachlorethan	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
1.1.2.2-Tetrachlorethan	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Benzen	**<0.02**	µg/L	-	1		0.02	M-0131 GC-MS	20%
Toluen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Ethylbenzen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
o-xylen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
m+p-xylen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Napthalen	**<0.02**	µg/L	-	-		0.02	M-0131 GC-MS	20%
Acrylamid	**<0.02**	µg/L	-	0.1		0.02	M-0203 LC-MS-MS	30%
Epichlorhydrin	**<0.05**	µg/L	-	0.1		0.05	M-0206 GC-MS	20%
Vinylchlorid	**<0.02**	µg/L	-	0.5		0.02	M-0131 GC-MS	20%

Bemærkninger:
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LAB nr:	22-30174, Prøve nr. 540885	**Prøvetager:**	KV, SGS Analytics Denmark A/S
Prøvemærkning:	Inkl. PCP	**Prøvetagningsmetode:**	M-0061 DS/ISO 5667 m. flush
Prøvetype:	Råvandskontrol - Pesticidkontrol	**Prøvetagningsperiode:**	29.08.2022 11:48 - 29.08.2022 11:54
Prøvested:	Sorring DGU 88.1215	**Prøvetagningssted:**	Dybdalsvej 27, 8641, dgu 88.1215
Grænseværdier:	Miljøministeriet, BEK nr 972 af 21.06.2022	**Analyseperiode:**	29.08.2022 - 19.09.2022

Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Pentachlorphenol	<0.01	µg/L	-	0.01		0.01	M-0165 LC-MS-MS	30%
LM5 (CGA324007)	<0.01	µg/L	-	0.1		0.01	*LC-MS/MS	30%
LM6 (SYN545666)	<0.01	µg/L	-	0.1		0.01	*LC-MS/MS	30%
R471811	<0.05	µg/L	-	0.1		0.05	*LC-MS/MS	30%
Imazalil	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
Metaldehyd	<0.01	µg/L	-	0.1		0.01	*LC-MS/MS	30%
Metamitron-desamino	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	20%
5-trifluoromethyl-2-(1H) pyridon (TFMP)	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
Monuron	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
CGA 369873	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
[(2,6-Dimethylphenyl)(2-sulfoacetyl)amino]eddikesyre	<0.01	µg/L	-	0.1		0.01	*M-0165 LC-MS-MS	30%
t-Sulfinylacetic Acid	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	30%
Trifluoreddikesyre (TFA)	0.08	µg/L	-	9		0.05	*LC-MS/MS	30%
Alachlor ESA	<0.01	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Dimethachlor ESA	<0.01	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Dimethachlor OA	<0.01	µg/L	-	0.1		0.01	M-0222 LC-MS-MS	30%
Metazachlor ESA	<0.01	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Metazachlor OA	<0.01	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Propachlor ESA	<0.01	µg/L	-	0.1		0.01	M-0212 LC-MS-MS	30%
Chlorothalonil-amidsulfonsyre	<0.002	µg/L	-	0.1		0.002	M-0211 LC-MS/MS	30%
1.2.4-Triazol	<0.01	µg/L	-	0.1		0.01	M-0205 LC-MS-MS	20%
N,N-Dimethylsulfamid (DMS)	<0.01	µg/L	-	0.1		0.01	M-0204 LC-MS/MS	30%
Chloridazon	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desphenyl-chloridazon	0.02	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Methyl-desphenyl-chloridazon	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.4 D	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Atrazin	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Bentazon	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Dichlobenil	<0.01	µg/L	-	0.1		0.01	M-0100 GC-MS	10%
Dichlorprop	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Diuron	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
ETU (Ethylenthiourea)	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Glyphosat	<0.01	µg/L	-	0.1		0.01	M-0166 LC-MS-MS	20%
Hexazinon	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
MCPA	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Mechlorprop	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Metribuzin	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Simazin	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
2.6-Dichlorbenzosyre	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.4-Dichlorphenol	<0.01	µg/L	-	0.1		0.01	M-0100 LC-MS	15%
2.6-Dichlorphenol	<0.01	µg/L	-	0.1		0.01	M-0100 LC-MS	10%
4-CPP	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
2.6-DCPP	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
4-nitrophenol	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
AMPA	<0.01	µg/L	-	0.1		0.01	M-0166 LC-MS-MS	20%
BAM (2.6-dichlorbenzamid)	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	10%
Desethyldesisopropylatrazin	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desethylhydroxyatrazin	<0.01	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%

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Analyseparameter	Resultat		Min	Max	Udenfor	D.L.	Metode/Reference	+/-
Desethylatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Desethylterbutylazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Desisopropylatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Desisopropylhydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Didealkylhydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Hydroxyatrazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Hydroxysimazin	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	15%
Metribuzin-desamino-deketo	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metribuzin-diketo	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metribuzin-desamino	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Metalaxyl/Metalaxyl-M	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
CGA62826	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
CGA108906	**<0.01**	µg/L	-	0.1		0.01	M-0165 LC-MS-MS	20%
Aldrin	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Dieldrin	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Heptachlor	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%
Heptachlorepoxid (sum af cis+trans)	**<0.01**	µg/L	-	0.03		0.01	M-0208 GC-MS	30%

Bemærkninger:
Der er ikke fastsat krav til råvand. Grænseværdier for forbrugers taphane er vist til orientering.

Rekvirent: Sorring By Vandværk
Kopi: Danmarks Miljøportal, Sundhedsstyrelsen Nord, Silkeborg Kommune

Nørresundby d. 19.09.2022

Rune Michael Jørgensen, ingeniør

Forklaring:
D.L.: Detektionsgrænse
+/-: Total ekspanderet usikkerhed (2x total RSD%)
<: Mindre end
>: Større end
*: Ikke omfattet af akkrediteringen
#: Akkrediteret af underleverandør